

Wolf Creek National Fish Hatchery

Science and efficiency at work for you



Economic Effects of Rainbow Trout Production 2004

Rainbow trout stocked:
883,985

Angler days generated:
401,811

Retail expenditures:
\$15,933,300

Jobs generated: 318

Wage and salary income:
\$7,188,200

Sales and motor fuel tax:
\$942,900

State income tax:
\$350,000

Federal income tax:
\$1,079,100

Total economic output:
\$31,216,500

Consumer surplus:
\$20,083,700



A Tremendous Economic Impact

As part of the Service's National Fish Hatchery System (NFHS), Wolf Creek National Fish Hatchery continues to use sound science to efficiently produce quality rainbow trout for fishing in modified habitats, contributing to healthy economies. Wolf Creek NFH enhances recreational fishing opportunities, providing an enormous boost to the economy. The high quality and efficient rainbow trout production at Wolf Creek NFH is just one aspect of their fish production that creates a positive ripple effect for all Americans.

Wolf Creek NFH currently provides mitigation fish for stocking in 107 miles of tailwaters below 13 U.S. Army Corps of Engineers impoundments across six different river basins in seven counties in Kentucky. That portion of the trout program that takes place on state-managed lands is very important to the state of Kentucky. The fish distributed in support of the trout stream program provided over 247 miles of stream fishing in FY 2004. Wolf Creek NFH provided advanced fingerling (6-8 inches) brown trout and catchable (9 inches) rainbow trout in support of ongoing sportfishing programs in 32 state managed lakes and 37 state managed streams in FY 2004. These 69 management areas are located in 48 counties in Kentucky. The hatchery also provides fingerling and advanced fingerling brown trout and advanced fingerling and catchable rainbow trout to the Daniel Boone National Forest in eastern Kentucky. The hatchery distributes both rainbow and brown trout to two military installations in western Kentucky, Fort Campbell and Fort Knox. This facility is also involved in the conservation of imperiled non-game fishes.

Rainbow trout production alone at Wolf Creek NFH creates more than 400,000 angler days, with a combined economic output of over \$31 million in 2004. Retail sales associated with fishing for Wolf Creek NFH-produced rainbow trout, like food, gas, lodging, rods and reels, and bait and tackle amounted to nearly \$16 million. That spending provided



All photos: USFWS

employment for more than 300 people, with \$7 million in wage and salary income. Local, State and Federal coffers receive nearly \$2.4 million annually from taxes generated by the work at Wolf Creek NFH. And for each taxpayer dollar budgeted for rainbow trout production, \$32.20 in retail sales and \$36.88 in net economic value (consumer surplus) are generated. (Caudill, 2005)

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